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(Use as many sheets as necessary)

Sheet one of one

Complete if Known	
Application Number	10/733,914
Filing Date	December 11, 2003
First Named Inventor	Yoshitaka Matsushita
Art Unit	
Examiner Name	
Attorney Docket Number	71024-473

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
EP		US- 1,771,596 A	07-29-1930	Victor	
EP		US- 5,348,311 A	09-20-1994	Miyaoh	
EP		US- 6,062,573 A	05-16-2000	Budovec	
EP		US- 6,027,124 A	02-22-2000	Ishida	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T[6]

Examiner Signature		Date Considered	8/30/05

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